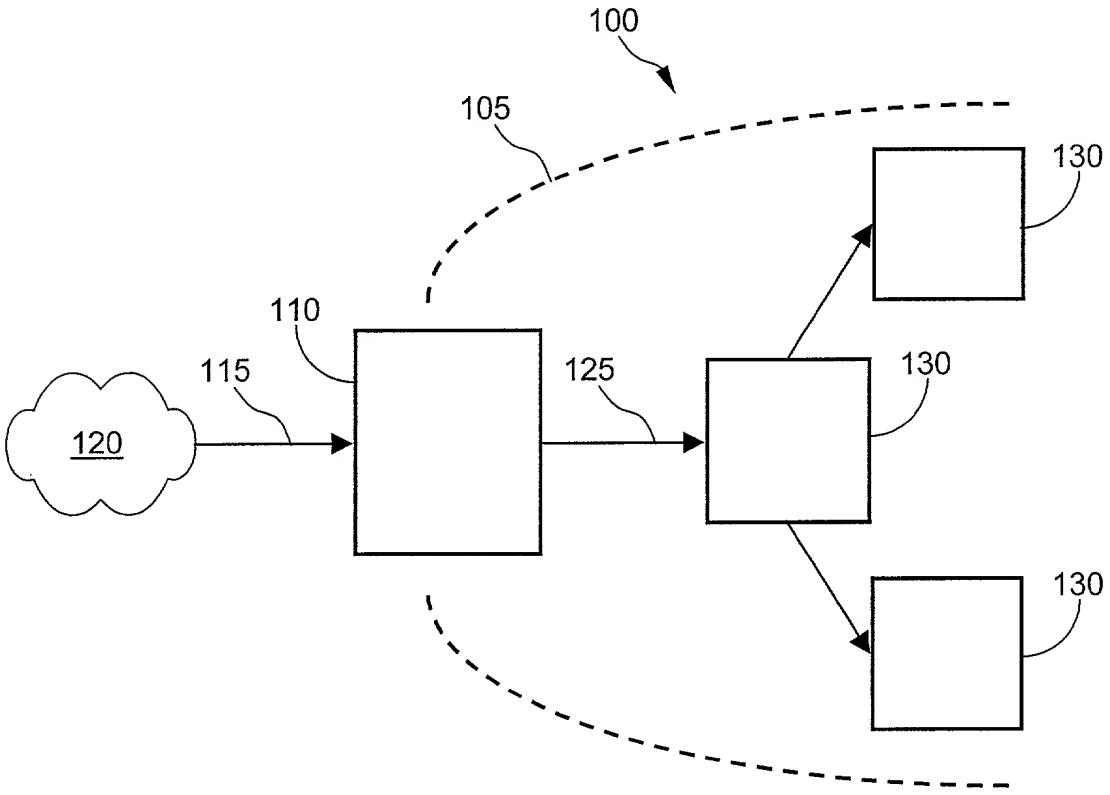

FIG. 1

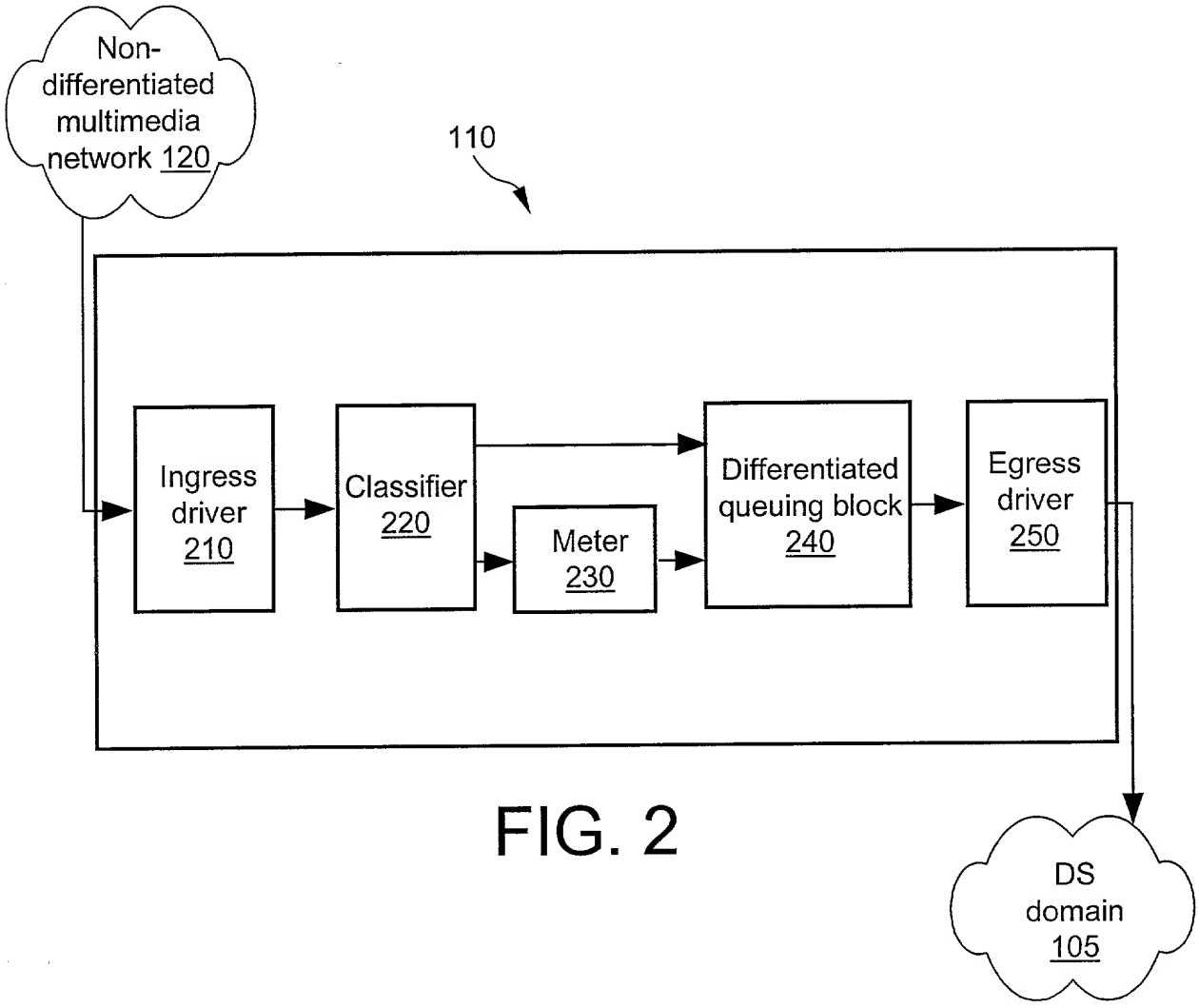
Non-differentiated multimedia network 120
110
Ingress driver 210
Classifier 220
Meter 230
Differentiated queuing block 240
Egress driver 250
DS domain 105

FIG. 2

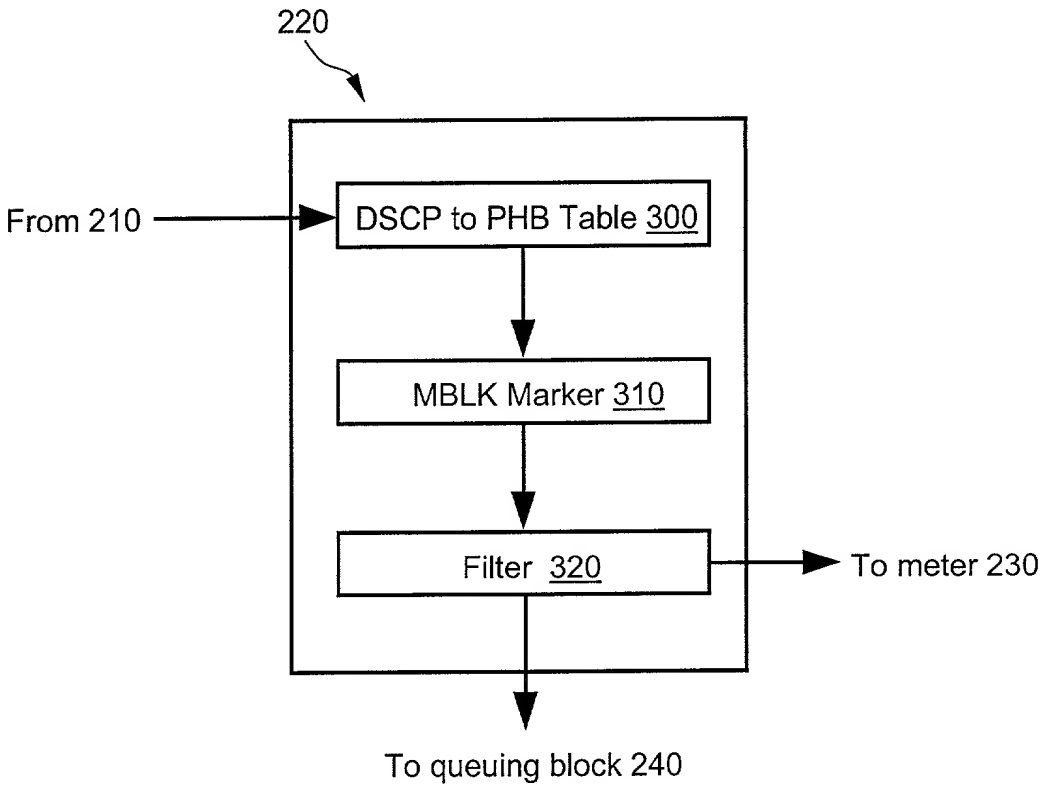
220
From 210
DSCP to PHB Table 300
MBLK Marker 310
Filter 320
To meter 230
To queuing block 240

FIG. 3

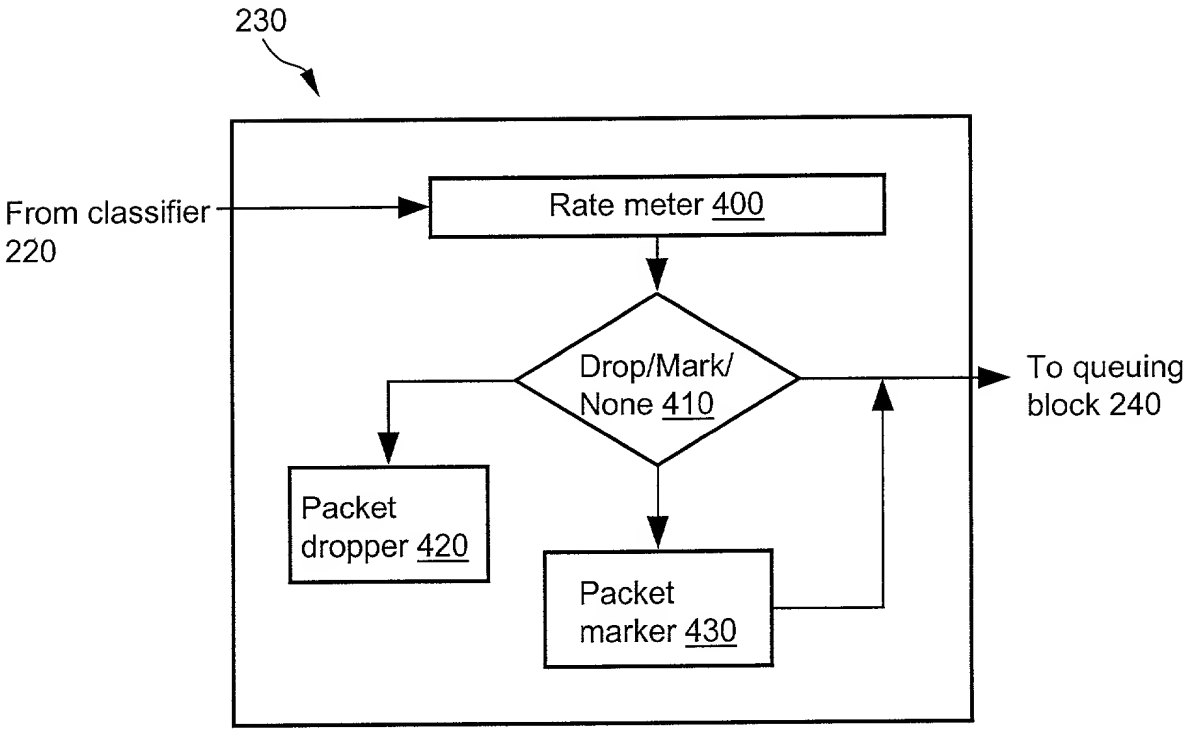
230
From classifier 220
Rate meter 400
Drop/Mark/ None 410
To queuing block 240
Packet dropper 420
Packet marker 430

FIG. 4

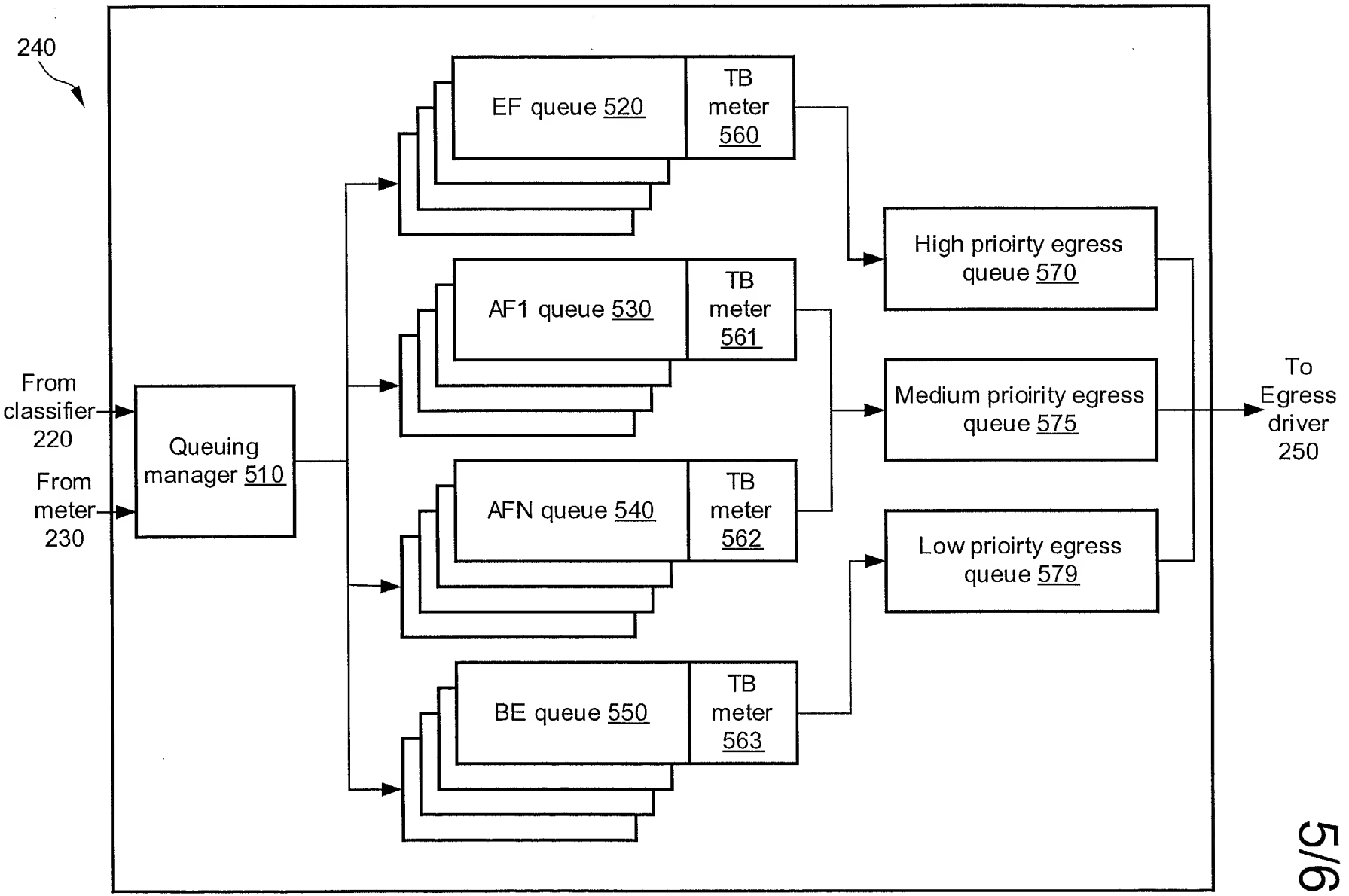
240
EF queue 520
TB meter 560
AF1 queue 530
TB meter 561
AFN queue 540
TB meter 562
BE queue 550
TB meter 563
High prioirty egress queue 570
Medium prioirity egress queue 575
Low prioirty egress queue 579
From classifier 220
From meter 230
Queuing manager 510
To Egress driver 250

FIG. 5

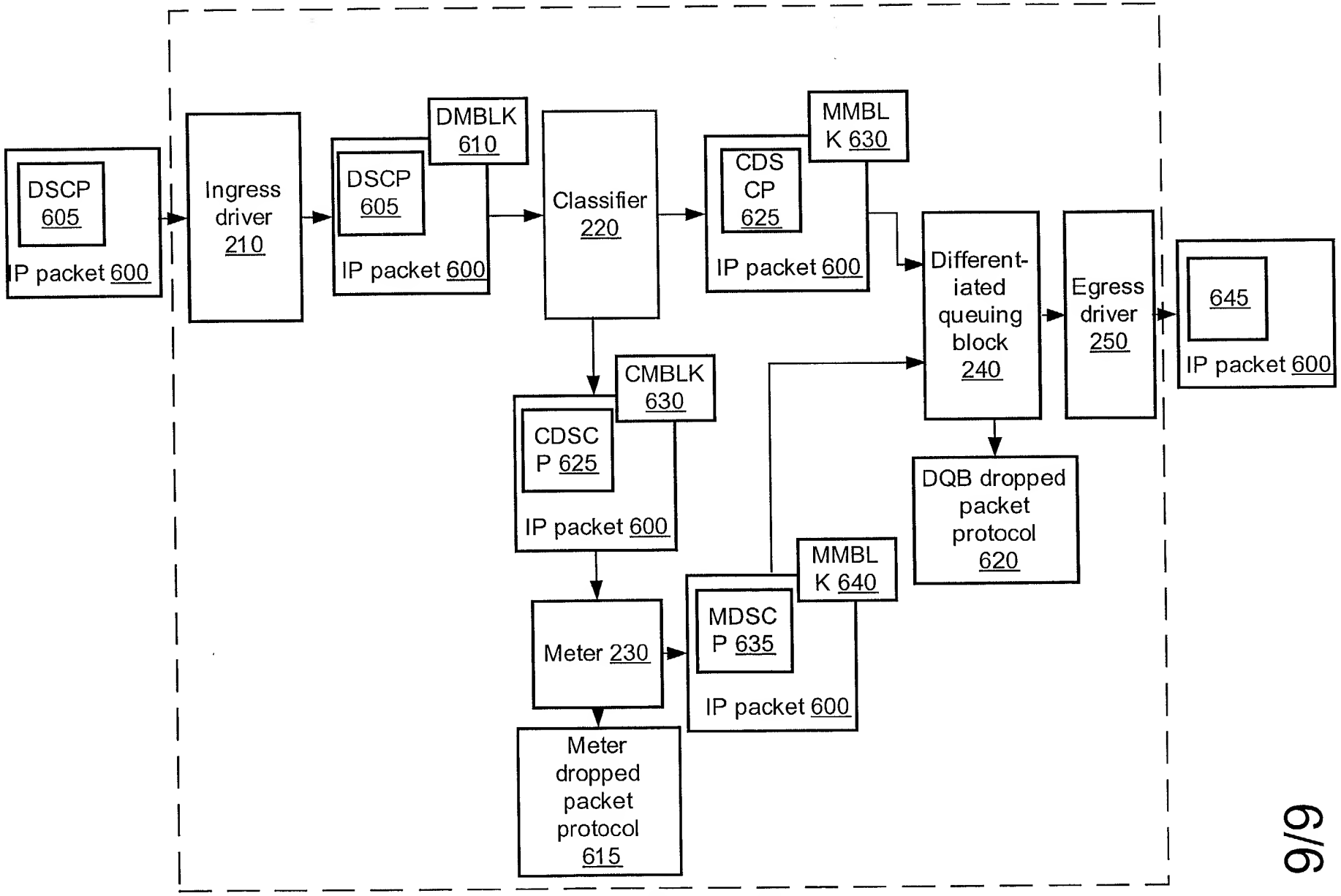
DSCP 605
IP packet 600
Ingress driver 210
DMBLK 610
DSCP 605
IP packet 600
Classifier 220
MMBLK 630
CDSCP 625
IP packet 600
Differentiated queuing block 240
Egress driver 250
645
IP packet 600
CMBLK 630
CDSCP 625
IP packet 600
DQB dropped packet protocol 620
MMBLK 640
MDSCP 635
IP packet 600
Meter 230
Meter dropped packet protocol 615

FIG. 6